

Importance of Oceans

EXERCISE [PAGE 39]

Exercise | Q (A)(1) | Page 39

Find the odd man out.

1. Shell
2. fish
3. crab
4. ship

Solution: Shell, fish, crab, ship - **Ship**

Ship is manmade, others are found naturally in the ocean.

Exercise | Q (A)(2) | Page 39

Find the odd man out.

1. Arabian Sea
2. Mediterranean Sea
3. Dead Sea
4. Caspian Sea

Solution: Arabian Sea, Mediterranean Sea, Dead Sea, Caspian Sea. - **Dead sea**

Salinity of Dead Sea is highest (332 ‰), others have average salinity.

Exercise | Q (A)(3) | Page 39

Find the odd man out.

1. Sri Lanka
2. India
3. Norway
4. Peru

Solution: Sri Lanka, India, Norway, Peru - **Peru**

Peru is located to the south of equator; others are located to the north of equator.

Exercise | Q (A)(4) | Page 39

Find the odd man out.

1. Southern Ocean
2. Indian Ocean
3. Pacific Ocean
4. Bay of Bengal

Solution: Southern Ocean, Indian Ocean, Pacific Ocean, Bay of Bengal- **Bay of Bengal**

Bay of Bengal is a bay, others are oceans.

Exercise | Q (A)(5) | Page 39

Find the odd man out.

1. Natural gas
2. salt
3. gold
4. manganese

Solution: Natural gas, salt, gold, manganese - **Natural gas**

Natural gas is a gas, others are minerals.

Exercise | Q (B)(1) | Page 39

Which items does man get from the oceans?

Solution: Man gets the following items from the ocean:

1. Minerals like iron, lead, cobalt, sodium, manganese, chromium, zinc, etc.
2. Natural gas and mineral oil.
3. Precious items like pearls, corals.
4. Ornamental items like shells.
5. Medicinal plants, etc.
6. Food items such as prawns, clams, crabs, seer fish, mackerel, pomfret, Indian shark, Indian salmon, etc.

Exercise | Q (B)(2) | Page 39

Why is it economic to carry out transport by waterways?

Solution:

1. Water transport helps to transport bulky goods such as coal, crude oil, raw materials, metallic minerals, food grains, etc. with ease.
2. Such type of transport is carried out along ocean currents which accelerate the speed of ships and thus helps to save fuel to a great extent.

Thus, it is economic to carry out transport by waterways.

Exercise | Q (B)(3) | Page 39

Why is there a difference in the climates of regions close to the oceans and regions far away from the oceans?

Solution:

1. The regions close to the oceans contain more water vapour which is formed due to the heating of ocean water.
2. This water vapour gets mixed with air and holds the heat in it for a longer time. Hence, the air in coastal regions is moist and warm.
3. Humid air leads to less amount of difference in the day and night temperature and therefore the regions close to the oceans have an equable climate.
4. The regions far away from the oceans, contain extremely less amount of water vapour. As a result, the air remains dry.
5. Dry air leads to a sharp difference in the day and night temperature and therefore the regions far away from the oceans have an extreme climate.
6. Hence, the climate is equable in coastal regions, while it is extreme in the continental regions.

Exercise | Q (B)(4) | Page 39

Which continents are located along the coast of the Pacific Ocean?

Solution: The continents located along the coast of the Pacific Ocean are North America, South America, Asia, and Australia.